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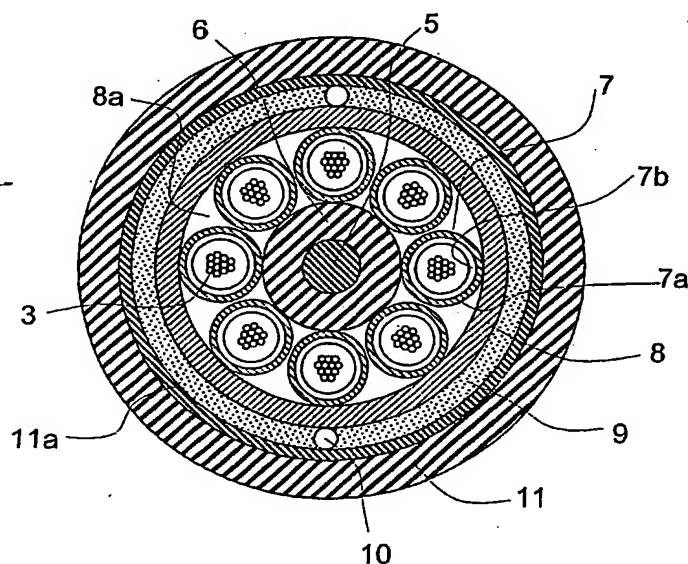
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(54) Title: WATER-RESISTANT TELECOMMUNICATION CABLE



(57) Abstract: A water-resistant telecommunication cable is disclosed comprising a solid and compact element (7) surrounding at least one optical transmitting element (3), wherein said element comprises a vinyl alcohol/vinyl acetate copolymer having a hydrolysis degree of about 60 % to about 95 % and a polymerisation degree higher than about 2,500; at least a first solid plasticizer, having a melting point between 50° and 110°C, and a second solid plasticizer, having a melting point equal or higher than 140°C, in an amount of about 10-30 and 1-10 parts by weight per hundred parts by weight of the copolymer, respectively; the water-soluble polymer material showing: a complex modulus ( $G^*$ ) equal or higher than  $2.5 \cdot 10^6$  Mpa; a ratio of the viscous modulus to the elastic modulus ( $\tan \delta$ ) equal or lower than 2.30; a glass transition temperature ( $T_g$ ) of about 20° to about 35°C.